7. LAMPIRAN

7.1. Hasil Pengolahan SPSS

Lampiran 1. Normalitas

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	perlakuan	Statistic	df	Sig.	Statistic	df	Sig.
pori	Kontrol	.214	6	.200*	.958	6	.804
	Mocaf 10%	.265	6	.200*	.799	6	.058
	Mocaf 20%	.194	6	.200*	.930	6	.582
	M1J2	.175	6	.200*	.923	6	.530
	M1J5	.214	6	.200*	.958	6	.804
	M2J2	.190	6	.200*	.882	6	.277
	M2J5	.180	6	.200*	.920	6	.505
kadar_air	Kontrol	.294	6	.114	.812	6	.075
	Mocaf 10%	.211	6	.200*	.898	6	.364
	Mocaf 20%	.176	6	.200*	.976	6	.931
	M1J2	.195	6	.200*	.908	6	.421
	M1J5	.198	6	.200*	.920	6	.505
	M2J2	.192	6	.200*	.917	6	.482
	M2J5	.238	6	.200*	.868	6	.220
hardness	Kontrol	.169	6	.200*	.980	6	.951
	Mocaf 10%	.157	6	.200*	.978	6	.940
	Mocaf 20%	.286	6	.137	.839	6	.129
	M1J2	.288	6	.130	.837	6	.123
	M1J5	.198	6	.200*	.944	6	.689
	M2J2	.210	6	.200*	.921	6	.512
	M2J5	.186	6	.200*	.947	6	.715
L_crust	Kontrol	.174	6	.200*	.955	6	.781
	Mocaf 10%	.168	6	.200*	.954	6	.773
	Mocaf 20%	.188	6	.200*	.911	6	.442
	M1J2	.210	6	.200*	.965	6	.859
	M1J5	.245	6	.200*	.888	6	.305

	M2J2	.298	6	.103	.770	6	.031
	M2J5	.223	6	.200*	.863	6	.201
a_crust	Kontrol	.190	6	.200*	.940	6	.658
	Mocaf 10%	.306	6	.082	.813	6	.076
	Mocaf 20%	.204	6	.200*	.965	6	.858
	M1J2	.177	6	.200*	.921	6	.514
	M1J5	.159	6	.200*	.947	6	.712
	M2J2	.259	6	.200*	.809	6	.070
	M2J5	.236	6	.200*	.918	6	.490
b_crust	Kontrol	.207	6	.200*	.910	6	.439
	Mocaf 10%	.225	6	.200*	.906	6	.413
	Mocaf 20%	.176	6	.200*	.919	6	.501
	M1J2	.235	6	.200*	.871	6	.231
	M1J5	.314	6	.065	.831	6	.110
	M2J2	.171	6	.200*	.946	6	.706
	M2J5	.175	6	.200*	.964	6	.848
L_crumb	Kontrol	.247	6	.200*	.842	6	.136
	Mocaf 10%	.276	6	.170	.885	6	.292
	Mocaf 20%	.274	6	.178	.832	6	.112
	M1J2	.193	6	.200*	.903	6	.395
	M1J5	.210	6	.200*	.960	6	.821
	M2J2	.228	6	.200*	.901	6	.378
	M2J5	.161	6	.200*	.940	6	.661
a_crumb	Kontrol	.238	6	.200*	.936	6	.625
	Mocaf 10%	.261	6	.200*	.841	6	.134
	Mocaf 20%	.249	6	.200*	.883	6	.284
	M1J2	.287	6	.134	.907	6	.414
	M1J5	.156	6	.200*	.975	6	.925
	M2J2	.245	6	.200*	.925	6	.540
	M2J5	.233	6	.200*	.944	6	.695
b_crumb	Kontrol	.294	6	.116	.902	6	.385
	Mocaf 10%	.160	6	.200*	.946	6	.705
	Mocaf 20%	.168	6	.200*	.965	6	.858
	M1J2	.237	6	.200*	.911	6	.443
	M1J5	.212	6	.200*	.929	6	.575

	M2J2	.291	6	.121	.748	6	.019
	M2J5	.272	6	.186	.830	6	.107
aktivitas_antioksidan	Kontrol	.292	6	.120	.770	6	.031
	Mocaf 10%	.178	6	.200*	.971	6	.898
	Mocaf 20%	.364	6	.013	.744	6	.018
	M1J2	.203	6	.200*	.877	6	.254
	M1J5	.191	6	.200*	.934	6	.614
	M2J2	.191	6	.200*	.935	6	.618
	M2J5	.200	6	.200*	.913	6	.454
volume_pengembangan	Kontrol	.254	6	.200*	.829	6	.105
	Mocaf 10%	.154	6	.200*	.954	6	.773
	Mocaf 20%	.245	6	.200*	.806	6	.067
	M1J2	.266	6	.200*	.865	6	.208
	M1J5	.240	6	.200*	.874	6	.243
	M2J2	.268	6	.200*	.875	6	.247
	M2J5	.283	6	.143	.829	6	.105

a. Lilliefors Significance Correction

*. This is a lower bound of the true significance.

Lampiran 2. Anova

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
pori	Between Groups	.026	6	.004	9.216	.000
	Within Groups	.017	35	.000		
	Total	.043	41			
kadar_air	Between Groups	29.672	6	4.945	3.270	.012
	Within Groups	52.932	35	1.512		
	Total	82.604	41			
hardness	Between Groups	21081.616	6	3513.603	105.507	.000
	Within Groups	1165.569	35	33.302		
	Total	22247.184	41			
L_crust	Between Groups	218.612	6	36.435	2.637	.032
	Within Groups	483.635	35	13.818		
	Total	702.247	41			
a_crust	Between Groups	270.184	6	45.031	266.827	.000
	Within Groups	5.907	35	.169		
	Total	276.091	41			
b_crust	Between Groups	867.869	6	144.645	40.777	.000
	Within Groups	124.151	35	3.547		
	Total	992.021	41			
L_crumb	Between Groups	946.299	6	157.716	120.802	.000
	Within Groups	45.695	35	1.306		
	Total	991.994	41			
a_crumb	Between Groups	887.363	6	147.894	5.339E3	.000
	Within Groups	.970	35	.028		
	Total	888.333	41			
b_crumb	Between Groups	564.449	6	94.075	127.089	.000
	Within Groups	25.908	35	.740		
	Total	590.356	41			
aktivitas_antioksidan	Between Groups	110.206	6	18.368	13.209	.000
	Within Groups	48.668	35	1.391		
	Total	158.874	41			

volume_pengembangan	Between Groups	11250.651	6	1875.108	6.935	.000
	Within Groups	9463.389	35	270.383		
	Total	20714.040	41			

Lampiran 3. Duncan Volume Pengembangan Roti Manis

volume_pengembangan

Duncan

		Subset for alpha = 0.05		
perlakuan	N	1	2	3
Mocaf 20%	6	2.2068E2		
M2J5	6	2.2178E2		
M2J2	6	2.3161E2	2.3161E2	
Mocaf 10%	6	2.4145E2	2.4145E2	2.4145E2
M1J5	6		2.5181E2	2.5181E2
M1J2	6			2.6203E2
Kontrol	6			2.6216E2
Sig.		.051	.051	.052

Means for groups in homogeneous subsets are displayed.

Lampiran 4. Duncan Rerata Diameter Pori Roti Manis

pori

Duncan

		Subset for alpha = 0.05			
perlakuan	N	1	2	3	4
Mocaf 20%	6	.3933			
Mocaf 10%	6		.4250		
M2J5	6		.4433	.4433	
Kontrol	6		.4483	.4483	
M2J2	6		.4500	.4500	.4500
M1J5	6			.4617	.4617
M1J2	6				.4767
Sig.		1.000	.076	.191	.051

Means for groups in homogeneous subsets are displayed.

Lampiran 5. Duncan Tingkat Kekerasan Roti Manis

hardness

Duncan

perlakuan	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
Kontrol	6	1.4581E2					
Mocaf 10%	6		1.5344E2				
M1J2	6		1.5450E2				
Mocaf 20%	6			1.6156E2			
M1J5	6				1.8615E2		
M2J2	6					1.9377E2	
M2J5	6						2.0933E2
Sig.		1.000	.753	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Lampiran 6. Duncan Intensitas Warna Crust dan Crumb Roti Manis

L_crust

Duncan

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Mocaf 20%	6	61.3933		
Mocaf 10%	6	63.5250	63.5250	
M2J5	6	64.0000	64.0000	64.0000
M1J5	6	64.1233	64.1233	64.1233
Kontrol	6	65.9767	65.9767	65.9767
M2J2	6		67.5450	67.5450
M1J2	6			68.4717
Sig.		.063	.102	.069

Means for groups in homogeneous subsets are displayed.

a_crust

Duncan

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Kontrol	6	4.0650		

Mocaf 10%	6	4.1783		
Mocaf 20%	6	4.3483		
M1J2	6		7.6317	
M2J2	6		7.9017	
M2J5	6			10.1450
M1J5	6			10.2183
Sig.		.268	.263	.759

Means for groups in homogeneous subsets are displayed.

b_crust

Duncan

		Subset for alpha = 0.05			
perlakuan	N	1	2	3	4
M2J2	6	30.4850			
Mocaf 20%	6	32.0883	32.0883		
Kontrol	6		32.8867		
Mocaf 10%	6		34.1933		
M1J2	6			40.2333	
M2J5	6			40.7117	40.7117
M1J5	6				42.7917
Sig.		.149	.075	.663	.064

Means for groups in homogeneous subsets are displayed.

L_crumb

Duncan

		Subset for alpha = 0.05				
perlakuan	N	1	2	3	4	5
M2J5	6	58.0983				
M1J5	6	58.5383				
M2J2	6		62.5500			
M1J2	6		63.0600			
Mocaf 20%	6			67.6483		
Mocaf 10%	6				69.2867	
Kontrol	6					71.0367
Sig.		.509	.445	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a_crumb

Duncan

perlakuan	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
Kontrol	6	-4.3233					
Mocaf 20%	6		-3.4200				
Mocaf 10%	6		-3.3417				
M1J2	6			3.4917			
M2J2	6				4.0167		
M1J5	6					6.5267	
M2J5	6						7.0500
Sig.		1.000	.420	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

b_crumb

Duncan

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
Mocaf 20%	6	23.6217			
Kontrol	6		24.7150		
Mocaf 10%	6		24.7567		
M2J2	6		25.4150		
M1J2	6			26.8533	
M1J5	6				32.7917
M2J5	6				33.0867
Sig.		1.000	.192	1.000	.556

Means for groups in homogeneous subsets are displayed.

Lampiran 7. Duncan Kadar Air Roti Manis

kadar_air

Duncan

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
M2J2	6	27.2900		
Mocaf 20%	6	27.7967	27.7967	
Mocaf 10%	6	27.8767	27.8767	
Kontrol	6	27.9633	27.9633	
M1J2	6	28.0233	28.0233	
M1J5	6		29.1867	29.1867
M2J5	6			29.8867
Sig.		.366	.088	.331

Means for groups in homogeneous subsets are displayed.

Lampiran 8. Duncan Aktivitas Antioksidan Roti Manis

aktivitas_antioksidan

Duncan

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Kontrol	6	12.4950		
Mocaf 10%	6	13.2133	13.2133	
Mocaf 20%	6		14.1500	
M1J5	6		14.5733	
M1J2	6		14.6167	
M2J2	6			16.6633
M2J5	6			17.3683
Sig.		.299	.066	.308

Means for groups in homogeneous subsets are displayed.

7.2. Foto Produk

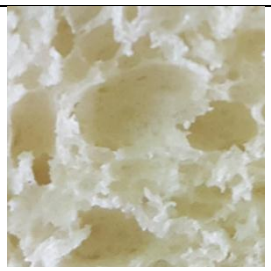
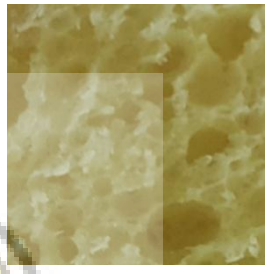
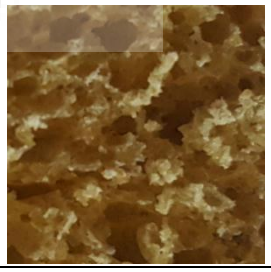
a b c d

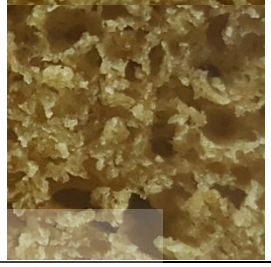
e f g

Lampiran 9. Roti Manis Substitusi Tepung *Mocaf* dan Tepung Jambu Biji Merah

Keterangan :
a = Roti Manis Kontrol
b = Roti manis dengan Penambahan Tepung *Mocaf* 10%
c = Roti manis dengan Penambahan Tepung *Mocaf* 20%
d = Roti manis dengan Penambahan Tepung *Mocaf* 10% dan Tepung Jambu Biji 2,5%
e = Roti manis dengan Penambahan Tepung *Mocaf* 10% dan Tepung Jambu Biji 5%
f = Roti manis dengan Penambahan Tepung *Mocaf* 20% dan Tepung Jambu Biji 2,5%
g = Roti manis dengan Penambahan Tepung *Mocaf* 20% dan Tepung Jambu Biji 5%

Lampiran 10. Foto Pori Roti

Sampel	Foto Pori	
Kontrol		
Mocaf 10%		
Mocaf 20%		
M1J2		
M1J5		

M2J2		
M2J5		

UNIVERSITAS KATOLIK SOEGIJAPRANATA

7.92%

FORMULIR SCAN ANTI PLAGIARISME

Nama : OMITA SARAS PRABASARI

Alamat email : Omita saras 96 @gmail.com

Fak. / Prodi : Teknologi Pertanian NIM : 14.I1.0109

berupa (TESIS, TUGAS AKHIR, SKRIPSI, SUMMARY, LAPORAN KERJA PRAKTEK)

dengan judul : PENGARUH PENAMBAHAN TEPUNG MOCAF DAN TEPUNG JAMBU BIJI MERAH (PSIDIUM GUAJAVA, L.) TERHADAP KARAKTERISTIK FISIK DAN KIMIA ROTI MANIS

Semarang, 16 Oktober 2018

Petugas

Yang Menyerahkan,

Omita saras

Dosen Pembimbing,

Dr. V. Kristini Anamresh, S.T, M.Sc

NB. Laporan hasil scan terlampir

*untuk Yang bersangkutan **

PERPUSTAKAAN

UNICHECK

14.I1.0109_Omita Saras
P
Uploaded: 10/15/2018
Checked: 10/15/2018

Doc vs Internet + Library

92.08% Originality | 7.92% Similarity | 373 Sources

Web sources: 122 sources found

1. http://rizkyherilananiswita.blogspot.com/2015/05/laporan-prakikum-fermentasi-roti.html	0.77%
2. http://mycindyjuliyani.blogspot.com/2015/09/makalah-bioteknologi-tugas-sma-tentang.html	0.68%
3. https://id.123dok.com/document/lrz3e9qx-pengujian-angka-kapang-khamir-pada-roti-di-pasaran.htm	0.6%
4. http://dunia-generasi-muda.blogspot.com/2014/04/laporan-pembuatan-roti.html	0.47%
5. http://adiparmanlaode.blogspot.com/2012/11/laporan-praktikum-biologi-terapan_202.html	0.47%
6. https://dibidipoo.wordpress.com/2016/01/23/laporan-bioteknologi-pembuatan-roti-dari-ragi	0.47%
7. https://www.scribd.com/document/390157790/Tugas-M5-KB-3	0.45%
8. https://hilmisnapdawan.wordpress.com/2014/05/13/pembuatan-roti-manis-dan-pengetahuan-bahan...	0.45%
9. https://ris-practicereports.blogspot.com/2017/01/laporan-teknologi-fermentasi-pangan-5.html	0.45%
10. http://repository.unika.ac.id/view/subjects/G63.html	0.29%
11. https://www.science.gov/topicpages/g/glutinous+rice+flour.html	0.26%
12. http://www.ijpbs.net/cms/php/upload/2408_pdf.pdf	0.23%
13. https://sites.google.com/a/unitru.edu.pe/sci-agropecpv/publicacion/scagropv4n2/scagrop04_89-100	0.2%
14. https://docplayer.info/104451-Karakterisasi-sifat-fisikokimia-tepung-umbi-dan-tepung-pati-dari-umb...	0.19%
15. https://docplayer.info/47140097-Pengaruh-fermentasi-spontan-terhadap-karakteristik-fisik-dan-kim...	0.19%
16. https://www.slideshare.net/GustavoPatricioPazmi/tesis-dealbahaca20162017	0.17%
17. http://docshare.tips/sprint-announcement_58763fbeb6d87f02ac8b4691.html	0.16%
18. http://coretan3ko.blogspot.com/2011/11/laporan-kimia-hasil-pertanian.html	0.16%
19. https://rad-proceedings.org	0.14%
20. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3485231	0.11%
21. https://link.springer.com/article/10.1007/s11738-014-1630-9	0.11%
22. https://docplayer.info/47119189-Substitusi-tepung-labu-kuning-terhadap-tingkat-pengembangan-da...	0.11%
23. http://rabida.uhu.es/dspace/bitstream/handle/10272/2713/b15236572.pdf.txt?sequence=3	0.11%
24. http://agusnuroso81.blogspot.com/2015/12/pembuatan-roti-dari-tepung-ubi-jalar.html	0.1%
25. https://docplayer.info/49727305-Pengaruh-ukuran-granula-bobot-tepung-jagung-terhadap-profil-gela	0.1%
26. https://docplayer.net/52346681-And-other-carbohydrates.html	0.1%
27. http://www.authorstream.com/Presentation/hahsociety1624-3116840-tajas-11	0.1%
28. https://docplayer.es/9333298-Numero-9-marzo-2013-issn-2173-0903.html	0.09%
29. https://docplayer.es/53584375-Universidad-de-granada-facultad-de-ciencias-departamento-de-quim	0.09%
30. http://repository.unika.ac.id/8240/7/07.70.0133%20Amelia%20Sugianto%20DAPUS.pdf	0.09%
31. http://www.indofoodrisetnugraha.com/files/jurnal/2.pdf	0.09%
32. http://www.scielo.org.pe/scielo.php?script=sci_arttext&pid=S1025-55832015000300002	0.09%
33. https://patents.google.com/patent/WO2012033989A2/en	0.09%
34. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4626150	0.09%

Similarity | Citation
Similarity from a chosen source | References
abc Possible character replacement